FORM F	PTO-1390	(Modified) U.S. DEPARTM	COMMERCE PATENT AND TRADEMARK OFFICE	S DOCKET NUMBER							
(1.2.	TR	ANSMITTAL LETTER T	O THE UNITED STATES	HIRAĪ180							
		DESIGNATED/ELECTED	OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR							
		CONCERNING A FILING		09/889263							
INTE			NTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED							
_		PCT/JP99/00117	14 January 1999								
TITLI <b>MIC</b>	OF II	NVENTION PRGANISMS OF NOVEL SPE	CIES AND METHODS FOR USING	G THE SAME							
		T(S) FOR DO/EO/US OSAN CO. LTD.									
				_							
Appli	icant h	erewith submits to the United States	Designated/Elected Office (DO/EO/US) t	he following items and other information:							
1.	$\boxtimes$	This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.									
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.									
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.									
4.		The US has been elected by the expiration of 19 months from the priority date (Article 31).									
5.		A copy of the International Applica	ation as filed (35 U.S.C. 371 (c) (2))								
		a.   is attached hereto (require	ed only if not communicated by the Interna	ational Bureau).							
b. 🗵 has been communicated by the International Bureau.											
e" Fe		eiving Office (RO/US).									
6.   An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).											
		a. 🗵 is attached hereto.									
, i	b.  has been previously submitted under 35 U.S.C. 154(d)(4).										
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))									
F		a.   are attached hereto (required only if not communicated by the International Bureau).									
Ŀ.		b. have been communicated by the International Bureau.									
i.		c.  have not been made; however, the time limit for making such amendments has NOT expired.									
j. 0		d. Me have not been made and will not be made.									
8. - 9.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
10.	£xk □	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). Unsigned  An English language translation of the annexes of the International Preliminary Examination Report under PCT									
10.		Article 36 (35 U.S.C. 371 (c)(5)).									
11.	$\boxtimes$	A copy of the International Prelimi	nary Examination Report (PCT/IPEA/409)	).							
12.	$\boxtimes$	A copy of the International Search	Report (PCT/ISA/210).								
It	ems 1	3 to 20 below concern document(s	) or information included:								
13.	$\boxtimes$	An Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98.								
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.									
15.		A FIRST preliminary amendment.									
16.		A SECOND or SUBSEQUENT preliminary amendment.									
17.		A substitute specification.									
18.		A change of power of attorney and/or address letter.									
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.									
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).									
21.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									
22.	_C.	Certificate of Mailing by Express Mail EL617043580US  Other items or information: Receipt in the Case of an original Deposit FERM BP-6589									
23.	хх	Omer items or information: Rec	eipt in the Case of an ori	iginal Deposit FERM BP-6589							
			/								

U.S. A	PPLIC <i>A</i>	PLICATION NO. OF KNOWN SEE THE INTERNATIONAL APPLICATION NO. PCT/JP99/00117						ATTORNEY'S DOCKET NUMBER HIRA1180			
24.	Т	he fol	lowing fees are sub	mitted:.		·			CA	LCULATIONS	PTO USE ONLY
BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)):  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO											
$\boxtimes$											
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	TO A STATE OF THE PARTY OF THE										
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)											
ENTER APPROPRIATE BASIC FEE AMOUNT =										\$860.00	
Surcha month	arge of s from	\$130.0 the ear	0 for furnishing th liest claimed priori	e oath or decla ty date (37 C	ration later than FR 1.492 (e)).	20	0 [	☑ 30		\$130.00	
CL	AIMS		NUMBER	FILED	NUMBER EXT	RA		ATE	ļ <u></u>		
Total o	claims		18	- 20 =	0	-	-	18.00		\$0.00	
	ndent o		0_	- 3 =	0			80.00		\$0.00 \$0.00	
Multip	le Dep	endent	Claims (check if a		ABOVE CALO	TIT AT	Ļ	<u> </u>		\$990.00	
		at alais			R 1.27). The fees indi			<del>)</del> –		3990.00	
	educed			us. (See 37 CI	The rees man	cated abo				\$0.00	
						SUB	TOTA	<u> </u>		\$990.00	
Proces month	Processing fee of \$130.00 for furnishing the English translation later than								\$0.00		
:					TOTAL NAT	IONA	L FEI	<u> </u>		\$990.00	
Fee fo	r record	ling th	e enclosed assignm	ent (37 CFR 1	3.28, 3.31) (check if	ent must l	be le).			\$0.00	
:	accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).  TOTAL FEES ENCLOSED =									\$990.00	<u> </u>
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.} a. - b.		Plea	A check in the amount of \$990.00 to cover the above fees is enclosed.  Please charge my Deposit Account No. in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.								
c.	$\boxtimes$		Commissioner is heposit Account No		ed to charge any addit  A duplicate cop				quired	, or credit any o	verpayment
đ.					l. WARNING: Inform on this form. Provide						
					7 CFR 1.494 or 1.495 re the application to			et, a petiti	ion to	revive (37 CFF	<b>t</b>
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Lisa	A. Hail	e, Ph.	D.			`	SIGN	IATURE		$\overline{v}$	
	•		Freidenrich LLP				3101	ATORE			
4365 Executive Drive Suite 1600 Lisa A. Haile									, Ph.	D.	
San Diego, California 92121											
(858)	677-14	156				1	38,347				
(858) 677-1465								ON NUMBER			
							July	13, 2001			
							DAT	E			

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Takemi Aonuma

Serial No.:

Unassigned

Filed:

July 13, 2001

Title:

MICROORGANISMS OF NOVEL SPECIES AND METHODS FOR USING

THE SAME

Commissioner for Patents Washington, D.C. 20231

## **DECLARATION OF MAILING BY "EXPRESS MAIL"**

I Mikhail Bayley declares as follows:

1. I reside at 7551 W. [HUADGE DR and am an employee of Gray Cary Ware & Freidenrich LLP, 4365 Executive Drive, Suite 1600, San Diego, CA 92121-2189.

- 2. On Ot 1/2001, I deposited in the mail, "Express Mail Post Office to Addressee" service of the United States Postal Service the contents of the envelope for which "Express Mail" receipt No. **EL617043580US** was addressed to: Commissioner of Patents, Washington, D.C. 20231.
- 3. Attached hereto is a true copy of the "Express Mail" receipt no. **EL617043580US**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-identified application or any patents issued thereon.

lubbal boughes

Date: 07/13/2001